Name.....class.....Number.....

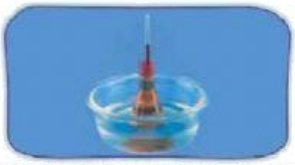
Tick (√) the correct word on the condition of materials.
State the effect of heat on material whether it **'expand'** or **'contract'**.



Light the Bunsen burner and heat the metal ball for three minutes.

gain heat	lose heat

Effect : _____



Put the conical flask into the glass container filled with hot water

gain heat	lose heat

Effect : _____



. Immerse the plastic bottle into the glass container filled with ice

gain heat	lose heat

Effect : _____



Put the metal ball into the glass container filled with water.

gain heat	lose heat

Effect : _____



Put the conical flask into the glass container filled with ice

gain heat	lose heat

Effect : _____



Immerse the plastic bottle into the glass container filled with hot water

gain heat	lose heat

Effect : _____

LIVEWORKSHEETS

Choose the correct answers by refering to the situations given.



The air in the drinking bottle_____________when it______________from the hot water. This causes the bottle cap to pop off.



When the ice cubes are put into the glasses, the glasses will______________ because they ______________. Thus, the overlapping glasses can be separated.

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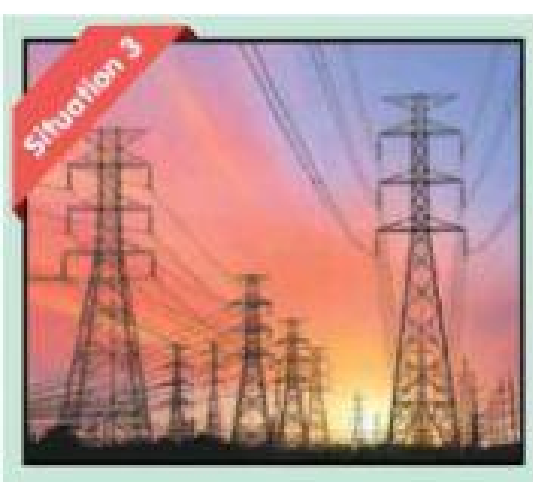


Gaps between connectors on a metal bridge

The gaps between metal connectors on the bridge allow the bridge to___________ when the temperature of the surrounding increases.



The gaps between the connectors on a railway track allow the track to ______________ when the temperature of the surr ounding increases.



The electric cables are hung loosely between the electric poles to allow the wires to_________________when the temperature decreases.

LIVEWORKSHEETS